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TIDA-00252

Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer	Alternate PartNumber	Alternate Manufacturer
IPCB1	1		Printed Circuit Board		PWR545	Any		
C1	1	0.47uF	CAP, CERM, 0.47uF, 10V, +/-10%, X5R, 0402	0402	GRM155R61A474KE15 D	MuRata		
C2	1	1uF	CAP, CERM, 1uF, 10V, +/-10%, X5R, 0402	0402	GRM155R61A105KE15 D	MuRata		
J1, J4	2		Terminal Block, 6A, 3.5mm Pitch, 2-Pos, TH	7.0x8.2x6.5mm	ED555/2DS	On-Shore Technology		
J2, J3, J6, J8, J9	5	1x3	Header, TH, 100mil, 1x3, Gold plated, 230 mil above insulator	PBC03SAAN	PBC03SAAN	Sullins Connector Solutions		
J5	1		Terminal Block, 3x1, 5.08 mm, TH	3x1 Terminal Block	OSTTA034163	On-Shore Technology		
J7	1		Header, 100mil, 4x1, R/A, TH	4x1 R/A Header	22-05-3041	Molex		
LBL1	1		Thermal Transfer Printable Labels, 0.650" W x 0.200" H 10,000 per roll	PCB Label 0.650"H x 0.200"W	THT-14-423-10	Brady		
R1, R5	2	10k	RES, 10k ohm, 5%, 0.063W, 0402	0402	CRCW040210K0JNED	Vishay-Dale		
R2	1	4.7Meg	RES, 4.7Meg ohm, 5%, 0.063W, 0402	0402	CRCW04024M70JNED	Vishay-Dale		
R3, R4	2	5.1k	RES, 5.1k ohm, 5%, 0.063W, 0402	0402	CRCW04025K10JNED	Vishay-Dale		
SH-J3, SH- J6, SH-J8, SH-J9	4	1x2	Shunt, 100mil, Gold plated, Black	Shunt	969102-0000-DA	3M	SNT-100-BK-G	Samtec
TP1	1	Black	Test Point, Miniature, Black, TH	Black Miniature Testpoint	5001	Keystone		
TP2, TP3, TP7, TP8	4	White	Test Point, Miniature, White, TH	White Miniature Testpoint	5002	Keystone		
TP4, TP6	2	Red	Test Point, Miniature, Red, TH	Red Miniature Testpoint	5000	Keystone		
U1	1		System-Side Impedance Track Fuel Gauge With Dynamic Voltage Correlation, YZF0009AGAH	YZF0009AGAH	bq27621YZF-G1A	Texas Instruments		None
FID1, FID2, FID3	0		Fiducial mark. There is nothing to buy or mount.	Fiducial	N/A	N/A		
TP5	0	Red	Test Point, Miniature, Red, TH	Red Miniature Testpoint	5000	Keystone		
TP9	0	Black	Test Point, Miniature, Black, TH	Black Miniature Testpoint	5001	Keystone		

Notes:

Unless otherwise noted in the Alternate PartNumber and/or Alternate Manufacturer columns, all parts may be substituted with equivalents.

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